

College of Health & Sciences

2019-2020 Physics - Teacher Certification Degree Plan

FIRST YEAR - FRESHMAN

<u>Fall Semester</u>		<u>Spring Semester</u>	
UNIV	1001 * Freshman Seminar	ENG	1213 * Freshman Composition II
ENG	1113 * Freshman Composition I	CHEM	1114 * General Chemistry I
GEOG	1214 Earth Science	COMM	1113 * Fundamentals of Human Communication
MATH	1513 * College Algebra	MATH	2825 Calculus & Analytical Geometry I
MATH	1713 Trigonometry	KIN	2122 * Wellness or Nutrition FCS 1513
HIST	24-3 * United States History Survey**		

17 TOTAL HOURS

17-18 TOTAL HOURS

SECOND YEAR - SOPHOMORE

<u>Fall Semester</u>		<u>Spring Semester</u>	
MATH	3025 Calculus & Analytic Geometry II	PHYS	2225 Engineering Physics II
PHYS	2115 Engineering Physics I	PSYCH	1113 * General Psychology
	---3 * Humanities-Western Civilization**		---3 * Humanities-Cultural/ Human Diversity**
CHEM	1214 Chemistry II	EDUC	2402 Survey of Exceptional Children
			---3 * Humanities & Social Sciences**

17 TOTAL HOURS

16 TOTAL HOURS

THIRD YEAR - JUNIOR

<u>Fall Semester</u>		<u>Spring Semester</u>	
PSYCH	3463 Child & Adolescent Psychology	EDUC	3001 Field Experience II
EDUC	2012 Foundations of Education	EDPSY	3513 Educational Psychology
EDUC	2211 Field Experience I	PHYS	3113 Mechanics I
EDUC	2631 Foundations of Ed Tech		---3 * Communication (Language)**
PHYS	3412 Junior Physics Laboratory	PS	1113 * United States Government
PHYS	3013 Modern Physics		---3 { Required Physics Elective
PHYS	1314 Astronomy		NOT PHYS 3222 or 4222)
	---3 Chemistry Elective (3 hours)		

18 TOTAL HOURS

16 TOTAL HOURS

FOURTH YEAR - SENIOR

<u>Fall Semester</u>		<u>Spring Semester</u>	
EDUC	4042 Strategies for Effective Teaching	EDUC	4262 Student Teaching Seminar I
EDUC	4611 Field Experience III	EDUC	4282 Student Teaching Seminar II
EDUC	4632 Ed Tech Integration Strategies	EDUC	4974 Supervised Student Teaching
PHYS	4113 Electricity & Magnetism- Field Theory	EDUC	4974 Supervised Student Teaching
B/C/P	4113 Methods Teach Biological/Physical Sciences		
	---4 Chemistry Elective (4 hours)		
BIOL	1-14 * General Botany or General Zoology		

19 TOTAL HOURS

12 TOTAL HOURS

TOTAL DEGREE PLAN HOURS 126-132

*Denotes General Education Requirement

**See current catalog "General Education Requirements" for selection

Taked bolded courses together